



IQS, A Division of CMG, Inc.
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TEST REPORT
IQS - 10101
Compression Testing

AIR-BLOCK GTo6o

Report reference No. IQS - 10101

Tested by (name and signature): Jason Leboeuf

Approved by (name and signature): Michael Morrow

Date of issue: 20-Sep-10

Testing Laboratory Name: IQS a Division of Compliance Management Group

Address: 257 Simarano Drive

Testing location: Marlboro, MA 01752 USA

Applicant's Name: Custom Plastic Distributors

Address: PO Box 672

Putnam, CT 06260

Test specification N.A.

Standard: N.A.

Test procedure: Compression Testing to Failure, 1" x 1" Test Head

Procedure deviation: N.A.

Non-standard test method: N.A.

Test item description: AIR-BLOCK GTo6o

Trademark: AIR-BLOCK

Model and/or type reference: GTo6o



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AIR-BLOCK GT06o - Load Testing

Manufacturer:
Custom Plastic Distributors
EUT Information
AIR-BLOCK GT06o
Test Date:
9/16/10

Sample	Maximum Compressive Strength (lbf)
1	1130
2	1280
3	1220
4	1200
Average	1210
Std. Deviation	62

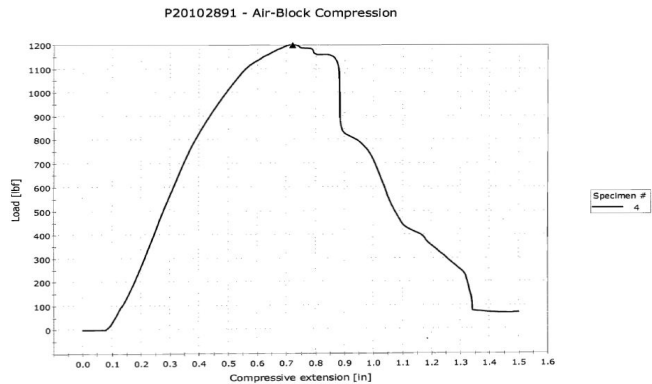
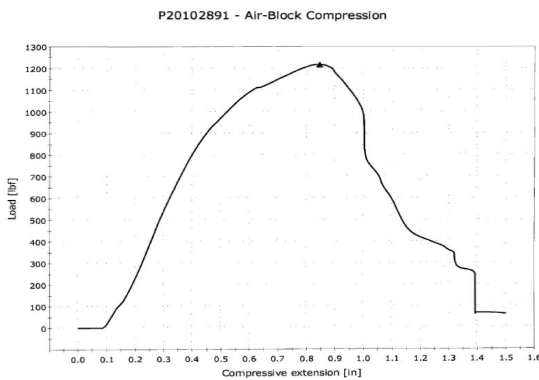
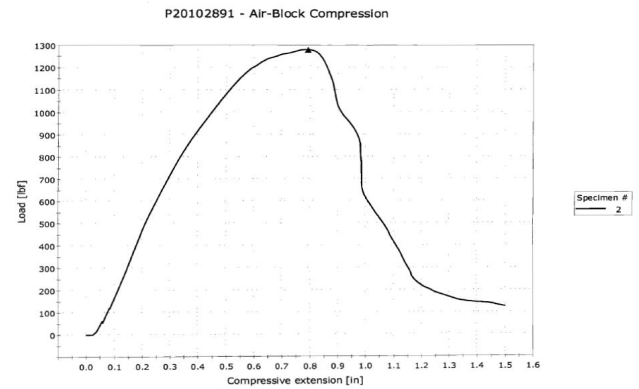
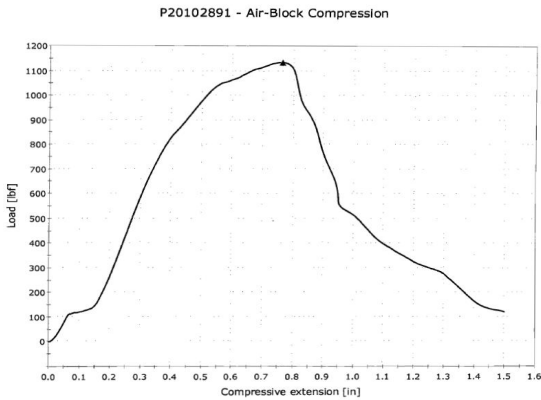
Testing Conditions:	
Temperature (°C)	23°C ± 2°C
Humidity (%)	50% ± 10%

Testing Notes:

- 1 Data point was taken at diffuser failure
- 2 A contact area of 1" x 1" was used on the test head
- 3 Test head speed was 0.5 in/min
- 4 Wooden 2" x 10" pieces were cut and used as a fixture for each sample

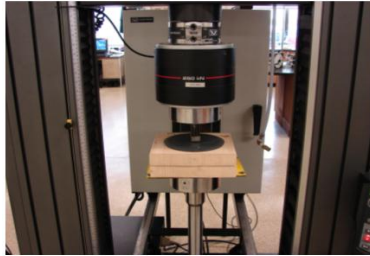
Test Equipment:

- 1 Universal Tester : Instron Model 5985
 Load Cell : Model 2850-303 250kN
 Capacity S/N 100308 Cal. Date: June 2010, Cal. Due : June 2011

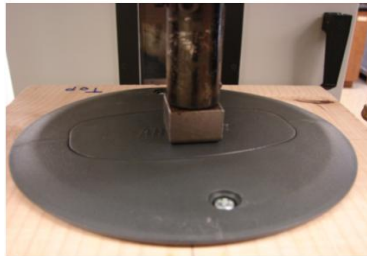


Testing Notes:

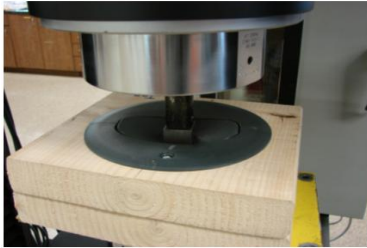
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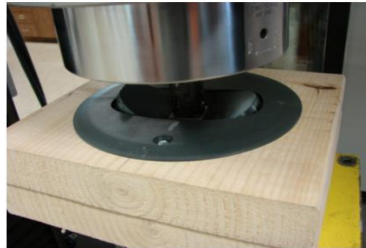
Test Set-Up



1" x 1" Test Head



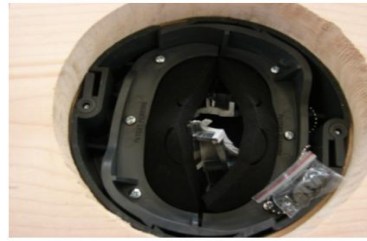
Failure at Maximum Compression Strength



Failure at Maximum Compression Strength



Failure of Sample #1



Failure of Sample #1 (underside)



Failure of Sample #2



Failure of Sample #3



Failure of Sample #4